

## ABSTRACT

The present invention relates to the macroporous manganese oxide material having ferromagnetic property and a method of preparing the same, more particularly to the macroporous ferromagnetic manganese oxide having three-dimensionally ordered nanopores, which is prepared by aligning colloidal polymer particles with an average diameter of a few hundred nanometers in 3D, infiltrating a solution of the precursor compound capable of forming manganese oxide represented by the following Chemical Formula 1 into interstices of the colloidal template and heating in an oxygen atmosphere to decompose and remove the polymer template, and a method for preparing the same:



wherein  $0.25 < x < 0.35$  and  $0 < y \leq 0.35$ .